

DUPLICATE

FORM C-105  
RECEIVED

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

Grid for well location: 10x10 grid with a dot in the 5th row, 5th column.

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

The Ohio Oil Company

J. M. Denton et al

Well No. 5 Company or Operator in SE/4, SW/4 of Sec. 11, T. 15S

R. 37E, N. M. P. M., Denton-Devonian Field, Lea County.

Well is 4620 feet south of the North line and 3300 feet west of the East line of Sec. 11-15-37

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is J. M. Denton, Address Lovington, New Mexico

If Government land the permittee is, Address

The Lessee is The Ohio Oil Company, Address P.O. Box 2107, Hobbs, N. Mex.

Drilling commenced August 5, 1951 Drilling was completed December 5, 1951

Name of drilling contractor McAlister Fuel Company, Address Magnolia, Arkansas

Elevation above sea level at top of casing 3808 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from to No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

Table with columns: SIZE, WEIGHT PER FOOT, THREADS PER INCH, MAKE, AMOUNT, KIND OF SHOE, CUT & FILLED FROM, PERFORATED TO, PURPOSE. Includes entries for 16", 9-5/8", 5-1/2" casings.

MUDDING AND CEMENTING RECORD

Table with columns: SIZE OF HOLE, SIZE OF CASING, WHERE SET, NO. SACKS OF CEMENT, METHOD USED, MUD GRAVITY, AMOUNT OF MUD USED. Includes entries for 20", 12", 8-3/4" holes.

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set 12,390'

Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

Table with columns: SIZE, SHELL USED, EXPLOSIVE OR CHEMICAL USED, QUANTITY, DATE, DEPTH SHOT OR TREATED, DEPTH CLEANED OUT. Includes entry for 1000 gal. on 12-18-51.

Results of 1166/14 or chemical treatment Well flowed 2462.4 bbls. oil in 24 hrs.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from surface feet to T.D. 12404 feet, and from feet to feet.

Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to producing December 18, 1951

The production of the first 24 hours was 2462.4 barrels of fluid of which 100% was oil;

emulsion: % water; and % sediment. Gravity, Be 46.6

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. OGR 682.1

EMPLOYEES

O. T. Winkle, Driller L. A. Copeland, Driller

G. B. Crump, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Hobbs, New Mexico January 21, 1952

Name J. B. Reese

Position Superintendent

Representing The Ohio Oil Company

Address P. O. Box 2107

Hobbs, New Mexico

**FORMATION RECORD**

FROM	TO	THICKNESS IN FEET	FORMATION
0	2100	2100	Sand and Shale.
2100	2300	200	Anhydrite, Shale and Sand.
2300	3000	700	Salt.
3000	4480	1480	Anhydrite, Sand and Sand.
4480	4620	140	Red. Shale, Anhydrite and Salt.
4620	8000	3380	Dolomite, minor amounts Sand, Limestone & Shale.
8000	9030	1030	Dolomite, minor amounts Green Shale & Limestone.
9030	9600	570	Limestone, minor amounts Chert and Green Shale.
9600	10200	600	Dolomite, Limestone and minor amounts of Shale.
10200	11320	1120	Limestone, Grey Shale, minor amounts of Chert.
11320	11390	70	Shale.
11390	12404	1014	Dolomite and Limestone.

DEVIATION SURVEY

Depth Taken	Degrees off Vertical
350	1
516	1/4
950	1/2
1500	1/2
2043	1
2470	1/2
3000	3/4
3500	1-1/2
3960	1
4340	1
4778	0
4924	1
5334	1/4
5796	3/4
6286	3/4
6603	3/4
7028	1/4
7516	0
7750	1/4
8214	3/4
8749	1/4
9002	3/4
9400	3/4
9664	1/4
9916	3/4
10098	1-1/4
10228	2
10328	3/4
10416	1-1/4
10618	2
10700	1-3/2
10958	1
11146	1
11223	1
11466	1-3/4
11600	1-1/4
11724	2-1/4
11810	5-1/2
11854	6-3/4
11885	7-1/4
11909	6-1/2
11946	5-3/4
12078	5
12182	4
12272	3
12400	4

J. M. Denton et al Well No. 5 Sec. 11, T 15S, R 37E  
Denton-Devonian Pool, Lea County, New Mexico

DST No. 1, testing from 9009' to 9175' Wolfcamp formation. Ran Johnston formation tester with 2 packers set @ 9003' and 9009'. Tool open 2 hrs. 5/8" BHC and 1" top choke. 2000' water cushion, good blow thruout test. Recovered 2000' water cushion, and 2520' of oil (35.5 bbls. in 2 hrs. or 17.75 bbls. per hr.). Flowing pressure 1225#, 15 min. shut-in 1975#, Hydr. pressure 4775#.

1. The amount of water in the soil is determined by the amount of water in the soil.

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